



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
US ARMY RESEARCH, DEVELOPMENT AND ENGINEERING COMMAND
ARMY MATERIEL SYSTEMS ANALYSIS ACTIVITY
392 HOPKINS ROAD
ABERDEEN PROVING GROUND, MARYLAND 21005-5071

S: 20 Aug 07
S: 04 Sep 07
S: 17 Sep 07

AMSRD-AMS-D

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Announcement and Call for Papers, Forty-Sixth US Army Operations Research Symposium (AORS 2007)

1. The AORS 2007 symposium will be held 13-15 Nov 07 at Fort Lee, VA, and hosted by the Army Materiel Systems Analysis Activity (AMSAA). The US Army Combined Arms Support Command, US Army Logistics Management College (ALMC), and Fort Lee will again co-host the symposium. AORS 2007 is unclassified.
2. The theme this year is "Operations Research: Meeting the New Challenges of the Warfighter." The symposium provides a forum for sharing information and experience gained from ongoing and recently completed analyses. The purpose is to expose practitioners to constructive critique and in general, broaden the perspective of the analytical community. AORS 2007 consists of two presentation formats: general sessions devoted to invited presentations and concurrent special sessions devoted to technical papers and informal discussions. The list of Special Sessions is provided at Enclosure 1. All papers must be unclassified.
3. Analysts who would like to present papers must submit abstracts to AORS staff members Sheilah Simberg (sheilah.simberg@us.army.mil; 410-278-5532; DSN: 298-5532) and Amanda Tracey (amanda.tracey@us.army.mil; 410-278-2497; DSN: 298) not later than **20 Aug 07**. Abstracts will be forwarded to the appropriate Session Chairs, who will select papers for presentation from the abstracts received. Abstracts must follow the format provided at Enclosure 2. The session chairs will notify individuals of acceptance of their papers not later than **04 Sep 07**. Officially selected presenters must submit an electronic copy of their final paper to the AORS staff members previously listed not later than **17 Sep 07**.
4. Disclosure forms are provided at Enclosure 3. E-mail submission of the disclosure form is not authorized. Your organization's Disclosure Officer must sign the statement concerning releasability of the abstract to foreign governments. In the past, representatives attended from Australia, The Netherlands, Canada, The Federal Republic of Germany, Israel, The Republic of Korea, United Kingdom, and New Zealand; therefore, abstracts must be releasable to general and international audiences. AORS 2007 is unclassified. Please fax a copy of the disclosure to 410-278-6584.

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5. Please solicit attendance from your civilian and military workforce and command organizations under your command. All contractor personnel must be command sponsored, nominated by a government principal and be presenting a paper, or be a co-author of a paper.
6. Pre-registration, Enclosure 4, can be submitted electronically via the AORS website www.aors2007.com, by mail, or by fax not later than 17 Sep 07. Send fax registration to AORS, 410-278-6584 not later than **17 Sep 07**. On-site check-in will be held on the evening of 13 Nov 07 at the Fort Lee Officers' and Civilians' Club.
7. There will be a social held on 13 Nov 07 and a banquet held on 14 Nov 07. Both are held at The Lee Club. The social features hors d'oeuvres and allows an opportunity to socialize with colleagues. The formal banquet features a guest speaker, awards presentations, and honors the inductees into the Army ORSA Hall of Fame. The fee for the social on 13 Nov 07 and the banquet on 14 Nov 07 is \$60.00. Please make checks payable to AORS. Please send the social/banquet fee and your choice of meal to Ms. Jayne Reynolds, US Army Materiel Systems Analysis Activity (AORS), 392 Hopkins Road, Aberdeen Proving Ground, MD 21005-5071 by **17 Sep 07**.
8. Attendees are responsible for making their own hotel, motel, and government quarters reservations. We recommend making reservations as early as possible. Fort Lee lodging's website is www.leemwr.com/comm/com_lodging.htm. Online registration is available under their "Rate" menu and lodging does accept e-mail registrations. Send date(s) required, name, grade, SSN, mailing address, and credit card number with expiration date to lodging@lee.army.mil. All military personnel must call the Lodging Office, DSN 687/6694/6689, Commercial 804-734-6698 for reservations. Those who do not have an advance reservation must report to the Lodging Office, Building p-8025, Horkan Hall at Lee Avenue and Mahone Avenue upon arrival at Fort Lee. If it is determined in advance that quarters are unavailable, a non-availability number will be issued and should be used on the travel voucher. Those with a non-availability number do not need to report to the Lodging Office. All other military attendees must report directly to the Lodging Office upon arrival at Fort Lee. Driving directions to Fort Lee can be found at <http://www.ima.lee.army.mil/sites/pao/directions.asp>. Directions to ALMC can be found at http://www.almc.army.mil/ALMC_Directions.htm.
9. Parking in the immediate vicinity of Bunker Hall is extremely limited; however, there is adequate parking in the ALMC student parking lot on the corner of Jessup and Quarters Road. The parking area will be marked for AORS parking. A walking path will take you from this parking area to Bunker Hall. Handicapped parking spaces are located behind the ALMC Building (Bunker Hall).

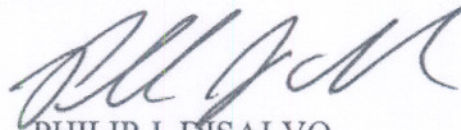
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10. Fort Lee officially became a closed post on 15 Jun 01. If you do not have a base or DOD sticker on your vehicle, you will need a vehicle pass at the gate. Please have your ID card and vehicle registration readily available.

11. For registration and general conference information, please browse the AORS website at www.aors2007.army.mil. For specific questions, please contact AORS staff members Sheilah Simberg (sheilah.simberg@us.army.mil; 410-278-5532; DSN: 298-5532) or Amanda Tracey (amanda.tracey@us.army.mil; 410-278-2497; DSN: 298).

4 Encls
as



PHILIP J. DISALVO
COL, FA
Acting Director

AORS 2007 SPECIAL SESSIONS

1. Weapon Requirements and Effectiveness
2. C4ISR: Networking the Battlefield (includes Information Operations)
3. OR Impact on Current Operations
4. Supportability and Reliability
5. Rapid T&E and Fielding
6. Other Topics (to include non-lethal weapon effects, crowd control, etc.)

AORS 2007 SAMPLE ABSTRACT

Army Force Generation Model Simulation

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Keywords:

Simulation, Force Generation, Unit Rotation, Unit Lifecycle

ABSTRACT: The Army continually examines its force structure and its ability to meet strategic requirements. Demand for forces is driven by national strategy, a force planning construct (e.g., "1-4-2-1"), and on-going operations. Supply of forces is constrained by unit lifecycles (training, readiness, deployments, and recovery), transformation, AC and RC force levels, and rotations. The Army developed the Army Force Generation concept (ARFORGEN) to manage the supply of forces over a variety of demand scenarios. The Center for Army Analysis developed the Army Force Generation Model (AFGM) study to model ARFORGEN and determine the appropriate size of the force.

AFGM includes development of a simulation model called MARATHON. MARATHON allows us to simulate the flow of active and reserve component units through their respective lifecycles. Each lifecycle begins with a non-available period (when AC units are reset and RC units are not available for Title 10 operations), followed by periods when units train until they are ready and available, deploy, recover, and transform (as necessary). MARATHON allows us to examine a variety of force structure options by illustrating gaps or redundancies in capabilities, as well as associated deployment tempos. These factors drive the Army's force structure decisions. The Army has adopted AFGM to analyze its force structure for the 2005 Quadrennial Defense Review and other analytical efforts.

2007 AORS ABSTRACT DISCLOSURE FORM

Abstracts must be approved for public release or release to the following foreign governments: Australia, United Kingdom, Canada, The Netherlands, France, Germany, New Zealand and The Republic of Korea. NOTE: It is the responsibility of the presenter/author to obtain the required release authority from their respective Foreign Disclosure Officer or Public Affairs Officer.

This form must be submitted NLT 20 Aug 07 to: US Army Material Systems Analysis Activity (AORS/Sheilah Simberg), 392 Hopkins Road, Aberdeen Proving Ground, MD 21005-5071. Abstracts are to be mailed to appropriate session chair NLT 20 Aug 07.

Title:		Security Classification: UNCLASSIFIED
Presenter(s):		
Last Name:	First Name:	Organization:
Mailing Address:	DSN:	Com:
	DSN Fax:	Com Fax:
	E-Mail:	
Author(s):		
Last Name:	First Name:	Organization:
Sponsor Printed Name: (For Contractors Only) Signature: Organization:		
Special Session:		
I certify that this abstract has been reviewed and does not contain our organizational Critical Information or Essential Elements of Friendly Information.		
Printed Name:		
Signature:		
Title: (Foreign Disclosure Officer or Public Affairs Officer)		
Date:		

2007 AORS PAPER/PRESENTATION DISCLOSURE FORM

Papers/presentations must be approved for public release or release to the following foreign governments: Australia, United Kingdom, Canada, the Netherlands, France, Germany, New Zealand and the Republic of Korea. NOTE: It is the responsibility of the presenter/author to obtain the required release authority from their respective Foreign Disclosure Officer or Public Affairs Officer.

This form must be submitted NLT 17 Sep 07 to: Director, US Army Material Systems Analysis Activity, ATTN: AORS (Sheilah Simberg), 392 Hopkins Road, Aberdeen Proving Ground, MD 21005-5071. Papers/presentations are to be mailed to appropriate session chair NLT 17 Sep 07.

Title:		Security Classification: UNCLASSIFIED
Presenter(s):		
Last Name:	First Name:	Organization:
Mailing Address:	DSN:	Com:
	DSN Fax:	Com Fax:
	E-Mail:	
Author(s):		
Last Name:	First Name:	Organization:
Sponsor (For Contractors Only)	Printed Name:	
	Signature:	
	Organization:	
Special Session:		
I certify that this paper/presentation has been reviewed and does not contain our organizational Critical Information or Essential Elements of Friendly Information.		
Printed Name:		
Signature:		
Title: (Foreign Disclosure Officer or Public Affairs Officer)		
Date:		

S: 17 Sep 07

AORS 2007

JOB TITLE: _____

ORGANIZATION

STREET ADDRESS

CITY	STATE	COUNTRY	ZIP
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OFFICE SYMBOL

DSN: _____ COM: () _____

DSN FAX: _____ COMM FAX: () _____

E-Mail: _____

Country of Citizenship: _____

**AORS 2007 SOCIAL EVENTS REGISTRATION
ARMY OPERATIONS RESEARCH SYMPOSIUM 2007**

NAME: _____

AORS 2007 will feature two social events, giving you ample opportunity to socialize with your colleagues. All social events will be held at The Lee Club at Fort Lee. Please make check payable to **AORS**.

Tuesday, 13 November 2007, 6:00 pm

Mixer

Cost: \$25.00

Wednesday, 14 November 2007, 6:00 pm

Banquet

Cost: \$35.00

I will attend:

_____ Mixer on 13 November

_____ Dinner on 14 November

Banquet on 14 November entree (please select one):

_____ Salmon Wellington (salmon filet with sautéed onions, wrapped in puff pastry, baked and served with a white wine sauce.

_____ Prime Rib (select center cut roast, slow roasted. Served with Au Jus and horseradish cream sauce.

Mail to:

US Army Materiel Systems Analysis Activity
(AMSRD-AMS-D/AORS)
392 Hopkins Road
APG, MD 21005-5071.